Elective Geog code: 2272 (paper 2)



#### Guangyang Secondary School 8 Bishan Street 12 Singapore 579807 Tel: 62589781/5 Fax: 63543108 Email: gyss@moe.edu.sg

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## 2023 Semester Plan 1 & 2 for Secondary Four Express Elective Geography

## 1 Topics covered for Semester 1& 2\*:

Weeks Term 1/1	Topics/ Learning Outcomes Pupils will be able to describe and explain the factors in the topics and also perform the skills as follows:  • Setting Classroom Expectation	TB pg  Tourism notes	Assignments. Test. Exams	Date. Marks attained
*New year (Mon- Tues)	Tourism Geographical Investigations - Pre-fieldwork - Choosing a topic - Formulating a hypothesis or guiding question	and worksheet		
Term 1/2	Tourism Geographical Investigations  - During fieldwork (Collecting data)  O Recording observations  - Annotated photographs  - Recording sheets  - Maps  - Cloud cover  O Taking measurements  - Questionnaire  - Land use survey  - Pocket tally counter  - Perception survey	Tourism notes and worksheet	Tourism fieldwork at Merlion Park	
Term 1/3 *CNY (Fri celebration)	Tourism Geographical Investigations  - Post-fieldwork  - Analysing data  - Identifying trends and patterns  - Describing association between data - Explaining anomalies  - Presenting data through graphs - Forming a conclusion - Reliability of data - Accuracy of data collection methods	Tourism notes and worksheet		

Term 1/4	What influences tourism trends?		
	<ul> <li>Reasons for the growth of global</li> </ul>		<b>WS 4&amp;5:</b> What
*CNY (Mon &	tourism	37-39	influences
Tues)	<ul> <li>Development in technology</li> </ul>		tourism trends?
	<ul><li>Better and affordable</li></ul>		(Reasons for
	transport	40-41	'
	<ul> <li>Ease of access to information</li> </ul>		Growth in global
	<ul> <li>Demand factors</li> </ul>		tourism)
	<ul> <li>Disposable income</li> </ul>		
	<ul><li>Leisure time</li></ul>	42-44	
	<ul><li>Changing lifestyle</li></ul>		
	<ul> <li>Destination factors</li> </ul>		
	<ul><li>Attractions</li></ul>		
	<ul> <li>Investment in infrastructure</li> </ul>		
	and services		
	<ul> <li>Access to information</li> </ul>		
Term 1/5	What influences tourism trends?		WA 1
	- Reasons for the growth of global		
	tourism	37-39	
	<ul> <li>Development in technology</li> </ul>		<b>WS 4&amp;5:</b> What
	<ul> <li>Better and affordable</li> </ul>		influences
	transport	40-41	tourism trends?
	<ul> <li>Ease of access to information</li> </ul>		
	<ul> <li>Demand factors</li> </ul>		(Reasons for
	<ul> <li>Disposable income</li> </ul>		Growth in global
	<ul> <li>Leisure time</li> </ul>	42-44	tourism)
	<ul> <li>Changing lifestyle</li> </ul>		
	<ul> <li>Destination factors</li> </ul>		
	<ul><li>Attractions</li></ul>		
	<ul> <li>Investment in infrastructure</li> </ul>		
	and services		
	<ul> <li>Access to information</li> </ul>		
Term 1/6	Why is tourism subject to fluctuations?		
	o Disasters	46	WS 6: Why is
	o Recessions	47-48	tourism subject
	o Political situations	49	to fluctuations?
	o Diseases	50-51	(Reasons for
	O Discuses	3332	fluctuations in
			global tourism)
Term 1/7	What are the impacts of tourism?		B.5501 (501.511.)
	- Economic impacts	56-59	
	o Advantages		<b>WS 7&amp;8:</b> What
	<ul><li>Employment opportunities</li></ul>		are the impacts
	<ul> <li>Growth in income</li> </ul>		of tourism?
	Development in infrastructure		(Economic,
	and facilities		Socio-cultural,
	<b>-</b>		Environmental)
	<ul> <li>Disadvantages</li> </ul>	<u> </u>	LIIVII OIIIII CIILAI)

		I	T
	<ul> <li>Seasonal unemployment</li> <li>Under-use of facilities at</li> </ul>		
	certain times of the year <ul><li>Shortages of services</li></ul>		
	<ul> <li>Shortages of services</li> <li>Socio-cultural impacts</li> </ul>	62-64	
	<ul><li>Advantages</li></ul>	02-04	
	<ul> <li>Preservation of local customs</li> </ul>		
	and heritage		
	<ul> <li>Disadvantages</li> </ul>		
	<ul> <li>Dilution of local customs and</li> </ul>		
	heritage		
	<ul><li>Increased crime</li></ul>		
	<ul> <li>Environmental impacts</li> </ul>	64-66	
	<ul> <li>Advantages</li> </ul>		
	<ul><li>Conservation of natural</li></ul>		
	environments		
	o Disadvantages		
	Vandalism     Littoring and mallution		
	<ul><li>Littering and pollution</li><li>Destruction of habitats</li></ul>		
	<ul><li>Destruction of habitats</li><li>Carbon footprint</li></ul>		
	o Increased congestion		
Term 1/8	How are impacts of tourism managed?		WS 9: How are
1	- Conserve fragile environments and	66-69	the impacts of
	promote sustainable tourism		tourism
	- Tensions in managing the impacts of	69-71	managed?
	tourism		(Conservation
	<ul> <li>Tensions between tourists and</li> </ul>		and promote
	locals		sustainable
	<ul> <li>Tensions between tourists and the</li> </ul>		tourism
	environment		/tensions in
	<ul> <li>Measures for managing tensions</li> </ul>		managing the
			impacts of
Torm 1/0	a However imposts of tourism and 12		tourism) WS 10: How are
Term 1/9	<ul><li>How are impacts of tourism managed?</li><li>Responsibilities of various groups</li></ul>	72-75	the impacts of
	<ul> <li>Responsibilities of various groups</li> <li>Local communities</li> </ul>	12-13	tourism
	Community-based tourism		managed?
	Visitors		(Responsibilities
	o Tour operators		of various
	<ul> <li>Planning authorities</li> </ul>		groups)
	<ul> <li>Non-governmental organisations</li> </ul>		
	(NGOs)		
Term 1/10	Food Resources		WS1: How and
	<ul> <li>How do food consumption patterns vary</li> </ul>		why do food
	between DC and LDCs?		consumption
	<ul> <li>Economic indicators</li> </ul>	93	patterns vary

	<ul> <li>Gross Domestic Product per capita</li> <li>Employment opportunity</li> <li>Social indicators         <ul> <li>Adult literacy rate</li> <li>Life expectancy</li> </ul> </li> <li>Indicators of food consumption</li> <li>Food consumption per capita</li> <li>Total daily calorie intake</li> <li>Starchy staples as a percentage of all calories</li> <li>Changing food preferences</li> <li>Cereals</li> <li>Meat</li> <li>Vegetables</li> </ul>	93 94-96 97-98	between DC and LDCs?
	MARCH HOLIDA	1	
Term 2/1	<ul> <li>Why do food consumption patterns vary between DCs and LDCS?</li> <li>Economic indicators</li> <li>Disposable income</li> </ul>	99-101	WS1: How and why do food consumption
	<ul> <li>Pricing</li> <li>Socio-cultural</li> <li>Food preferences</li> <li>Fast food</li> </ul>	103-105	patterns vary between DC and LDCs?
	<ul> <li>Organic food</li> <li>Population growth</li> <li>Political</li> <li>Stability of food supply</li> <li>Civil war</li> <li>Natural disasters</li> <li>Food safety</li> </ul>	106-108	
Term 2/2	<ul> <li>What are the consequences of variation in food consumption?</li> <li>Impact of <u>inadequate</u> food consumption on individuals and countries</li> <li>Health</li> <li>Malnutrition</li> </ul>	110-112	WS2: What are the consequences of variation in food consumption?
	<ul> <li>Starvation</li> <li>Economic</li> <li>Lower productivity</li> <li>Diversion of financial resources to health care</li> <li>Long-term debt due to food</li> </ul>	113	
	and financial aid ○ Political ■ Social unrest	113	

	o Social ■ Scavenging	
Term 2/3 *Good Friday (Fri)	<ul> <li>What are the consequences of variation in food consumption?</li> <li>Impact of excess food consumption on individuals and countries</li> <li>Health</li> <li>Obesity and related illness</li> <li>Economic</li> <li>Lower productivity</li> <li>Diversion of financial resources to health care</li> <li>Social</li> <li>Food wastage</li> <li>Dieting</li> </ul>	WS 3: What are the consequences of variation in food consumption?  116 (LD)
Term 2/4	<ul> <li>How has the production of crops changed since the 1960s?</li> <li>Trends in the production of food crops (rice and wheat) from the 1960s</li> <li>Increased intensity of production of food crops</li> </ul>	WS 4: How has the production of crops changed since the 1960s? What factors affect the intensity of food
	<ul> <li>What factors affect the intensity of food production?</li> <li>Physical</li> <li>Climate</li> <li>Soil and drainage</li> <li>Relief</li> </ul>	production?
	<ul> <li>Economic</li> <li>Purpose of farming</li> <li>Demand and capital</li> <li>Agribusiness</li> </ul>	129-131
	<ul> <li>Political</li> <li>Government policy</li> <li>Agricultural policy</li> <li>Food policy</li> </ul>	132-133
	<ul> <li>ASEAN</li> <li>Technological advances</li> <li>Green Revolution</li> <li>High-yielding varieties</li> <li>Fertilisers</li> <li>Pesticides</li> <li>Irrigation</li> <li>Mechanisation</li> </ul>	134-136

Term 2/5	<ul> <li>What are the effects of continuing intensification of food production?</li> <li>Challenges associated with intensification of production of crops from the 1960s</li> <li>Effect of irrigation on water and soil quality</li> <li>Salinization</li> <li>Effect of chemicals on water and soil quality</li> <li>Eutrophication</li> </ul>	137 138-139	ws 5: What are the effects of continuing intensification of food production?
Term 2/6 *Hari Raya Puasa (Mon)	School Ti	WA2 med-practice I paper)	
Term 2/7 *Labour Day (Mon)	Go through timed	d-practice (full p	paper)
Term 2/8	Why do food shortages still occur?     Physical     Climate change     Extreme weather events     Pests     Political     Civil strife     Poor governance     Economic     Rising demand for meat and dairy products from emerging economies     Soaring cost of fertilisers and transport     Conversion of farmland to industrial crop production to produce biofuel crops     Social	140-143 143-144 145-146 146-148	WS6: Why do food shortages still occur?
Term 2/9	<ul> <li>Lack of accessibility</li> <li>Inadequate logistics of food distribution and storage</li> <li>Food distribution</li> <li>Rapid population growth</li> <li>Why do food shortages still occur?</li> <li>Physical</li> <li>Climate change</li> <li>Extreme weather events</li> <li>Pests</li> </ul>	140-143	WS 7: Is technology in food production an effective solution to food

	<ul> <li>Political</li> <li>Civil strife</li> <li>Poor governance</li> <li>Economic</li> <li>Rising demand for meat and dairy products from emerging economies</li> <li>Soaring cost of fertilisers and transport</li> <li>Conversion of farmland to industrial crop production to produce biofuel crops</li> <li>Social</li> <li>Lack of accessibility</li> <li>Inadequate logistics of food distribution and storage</li> <li>Food distribution</li> <li>Rapid population growth</li> </ul>	143-144 145-146 146-148	shortage? (LD)
Term 2/10	Mother tongue	intensive revisio	n
*Vesak Day (Fri)		HOLIDAY olementary	
Term 3/1 *Hari Raya Haji (Thurs)	Revision: Weather & Climate - Geographical Investigation		Revision package  Timed-practice #1
Term 3/2 *Youth Day (Mon)	Revision: Weather & Climate - Data response + Level descriptors		Revision package  Timed-practice #2
Term 3/3	Revision: Plate Tectonics - Data response + Level descriptors		Revision package  Timed-practice #3
Term 3/4	Revision: Plate Tectonics - Data response + Level descriptors		Revision package  Timed-practice #4
Term 3/5 National Oral Exams (Tues- Thurs)	Revision: Tourism - Data response + Level descriptors		Revision package  Timed-practice #5
Term 3/6	Revision: Tourism - Data response + Level descriptors		Revision package  Timed-practice #6

Term 3/7	Revision: Geog of Food	Revision package
*National Day (Tues-Thurs)	- Data response + Level descriptors	Timed-practice #7
Term 3/8	Revision: Geog of Food - Data response + Level descriptors	Revision package  Timed-practice #8
Term 3/9	PRELIMINAR	Y EXAMS
Term 3/10 *Teacher's day (Thurs-Fri)	PRELIMINARY EXAMS	
	SEPTEMBER H	HOLIDAY
Term 4/1	Go through pre	elim papers
Term 4/2	Revision: Geog of Food - Data response + Level descriptors	Revision package  Timed-practice #9
Term 4/3	Revision: Weather & Climate - Geographical Investigation	Revision package  Timed-practice #0
Term 4/4	Revision: Plate Tectonics - Data response + Level descriptors	Revision package  Timed-practice #11
Term 4/5	Revision: Tourism - Data response + Level descriptors	Revision package  Timed-practice #12
Term 4/6	GCE O LE	EVELS

<sup>\*</sup>Please note that the topics might be subject to minor changes. Pupils will be updated accordingly.

# 2 Assessment Plan

	<b>WA1:</b> 15%		PUSH Timed-practice: gradebook
Semester 1	School based timed- practice: gradebook	Semester 2	Prelim: 70%
	<b>WA2:</b> 15%		

## 3 Details of Assessments

#### Semester 1

Assessment	Assessment Topics	
WA1	Weather and Climate Geographical Investigation (13m)	15%
WA2	Tourism Structured + Level Descriptor (12m)	15%
School Timed-practice	Weather & Climate Plate Tectonics Tourism Food Geography (50m)	gradebook

### Semester 2

Assessment	Topics	Percentage
PUSH Timed-practice	2 Timed-practice selected from Revision Package (12-14m)	gradebook
	Weather and Climate	
	Plate Tectonics	
Prelim	Tourism	70%
	Food Geography	
	(50m)	

<sup>\*</sup>Please note that the dates indicated for the CA1 components are subject to changes. Pupils will be updated accordingly.

School Timed	School Timed-practice Components		Date	Guidelines
Paper [1 h 40	Paper [1 h 40m]			
Section	Details	Marks		All topics covered in
А	Geographical investigation - Global tourism - Weather and Climate	13	Term 2/	semester 1.  • For the paper, candidates are to write
В	Data response + level descriptors - Weather and Climate - Global tourism	12	Week 6	their answers on the writing paper provided.  Total marks for the
С	Data response + level marking - Plate Tectonics - Food (until food	25		paper is <b>50m</b> .

consumption)		

Prelims Components			Date	Guidelines
Paper [1 h 40m]				
Section	Details	Marks		<ul> <li>All topics covered in semester 1.</li> <li>For the paper, candidates are to write their answers on the writing paper provided.</li> <li>Total marks for the paper is 50m.</li> </ul>
А	Geographical investigation - Global tourism - Weather and Climate	13	Term 3/	
В	Data response + level descriptors - Weather and Climate - Global tourism	12	Week 9-10	
С	Data response + level marking - Plate Tectonics - Food	25		

### 4 Absence from tests

- a) A medical certificate must be produced if your child/ ward is absent for the test.
- b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- c) Absence from any test without a valid reason will result in zero mark for the test.
- d) Do note that your child/ ward will have to do a make-up test on the day he/she returns to school.